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Application Number	09/901,507
Filing Date	07/09/2001
First Named Inventor	Zining WU
Group Art Unit	2634
Examiner Name	Kevin Kim

Total number of pages in this submission including transmittal	20	Attorney Docket Number	MP0077

ENCLOSURES *(check all that apply)*

[ ] Fee Transmittal Form

    [ ] Fee Attached - Check

[ ] Amendment / Reply

    [ ] After Final

    [ ] Affidavits/declaration(s)

[ ] Extension of Time Request

[ ] Express Abandonment Request

[✔] Information Disclosure Statement with PTO 1449 and cited references

[ ] Certified Copy of Priority Document(s)

[ ] Response to Missing Parts/ Incomplete Application

    [ ] Response to Missing Parts under 37 CFR 1.52 or 1.53

[ ] Assignment Papers *(for an Application)*

[ ] Drawing(s)

[ ] Licensing-related Papers

[ ] Petition

[ ] Petition to Convert to a Provisional Application

[ ] Power of Attorney, Revocation Change of Correspondence Address

[ ] Terminal Disclaimer

[ ] Request for Refund

[ ] CD, Number of CD(s) _____

    [ ] Landscape Table on CD

[ ] After Allowance Communication to TC

[ ] Appeal Communication to Board of Appeals and Interferences

[ ] Appeal Communication to Group *(Appeal Notice, Brief, Reply Brief)*

[ ] Proprietary Information

[ ] Status Letter

[✔] Other Enclosure(s) (identify below):

REMARKS

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	KATTEN MUCHIN ROSENMAN, LLP
Signature	*Andrew J. Bateman*
Printed Name	Andrew J. Bateman
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Date: 05-18-05

CERTIFICATE OF FACSIMILE TRANSMISSION OR MAILING

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Date:

MP0077   **PATENT**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	)
	)
Zining WU, et al.	) Group Art Unit: 2634
	)
Application No.: 09/901,507	) Examiner: Kevin Kim
	)
Filed: July 9, 2001	) Confirmation No.: 4911
	)
For: SOFT-OUTPUT DECODING	)
METHOD & APPARATUS FOR	)
CONTROLLED INTERSYMBOL	)
INTERFERENCE CHANNELS	) Date: May 18, 2005

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In compliance with the duty of disclosure under 37 CFR § 1.56 and in accordance with the practice under 37 CFR §§ 1.97 and 1.98, the Examiner's attention is directed to the documents listed on the enclosed PTO-1449 and to the attached copies of any non-U.S. patent documents listed thereon.

In accordance with 37 CFR § 1.97(h), this Information Disclosure Statement is not to be construed as an admission that the information cited is or is considered to be material to patentability as defined in 37 CFR § 1.56(b), nor as an admission that the information constitutes prior art within the meaning of 35 USC §§ 102 and/or 103.

It is respectfully requested that the information listed on the PTO-1449 be considered by the Examiner, and that an initialed copy of the PTO-1449 be returned indicating that such information was considered.

No fee is necessary for the submission of this Information Disclosure Statement.

Should the Examiner have any questions, Applicants' undersigned attorney is reachable by telephone in our Washington, D.C. office at (202) 625-3547. The correspondence address of record remains as provided below.

Respectfully submitted,

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	ATTORNEY DOCKET NO.	APPLICATION NO.
	MP0077	09/901,507

LIST OF REFERENCES CITED BY APPLICANT

APPLICANT
Zining WU

DATE SUBMITTED TO USPTO: May 18, 2005

FILING DATE	GROUP
07/09/2001	2634

U.S. PATENT DOCUMENTS

*EXAMINER INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
		5,930,272	07/27/99	THESLING			
		5,983,385	11/09/99	KHAYRALLAH, et al.			
		5,974,540	11/26/99	MORIKAWA, et al.			
		6,023,783	02/08/02	DIVASALAR, et al.			
		6,219,817	04/17/01	HOLMAN			
		6,438,180	08/20/02	KAVCIC, et al.			
		6,539,367	03/25/03	BLANKSBY, et al.			
		6,715,121	03/30/04	LAURENT			

FOREIGN PATENT DOCUMENTS

*EXAMINER INITIALS		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION OR ABSTRACT (Yes or No)

OTHER DOCUMENTS (Including author, title, date, pertinent pages, etc.)

		Shoemake and Heegard, "Computationally Efficient Turbo Decoding with Bi-Directional Viterbi Algorithm (BIVA)", IEEE, ISIT 1997
		L.H.C. Lee, Computation of the Right-Inverse of G(D) and the Left-Inverse of H'(D), June 21, 1990, I.E.E.E. Vol. 26, No. 13, pp. 904-906
		J. Hagenauer and P. Hoeher: "A Viterbi algorithm with soft-decision outputs and its applications," Proc. IEEE GLOBECOM '90, Dallas, Tex., pp. 47.1.1-47.1.7, November 1989
		Öberg, Mats, "Parity Check Codes for Partial Response Channels," IEEE Global Telecommunications Conference – Globalcom '99, pp. 717-722, 1999

EXAMINER	DATE CONSIDERED

SHEET 1 of 1